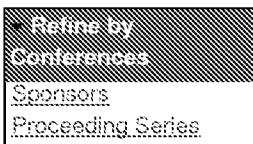
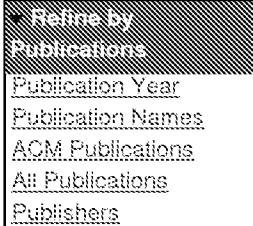
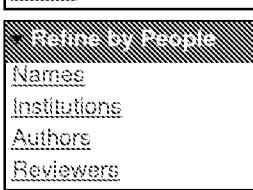



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**1 Continuous program optimization: A case study**

Thomas Kistler, Michael Franz

 July 2003 **Transactions on Programming Languages and Systems (TOPLAS)**, Volume 25 Issue 4

**Publisher:** ACM 

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Much of the software in everyday operation is not making optimal use of the hardware on which it actually runs. Among the reasons for this discrepancy are hardware/software mismatches, modularization overheads introduced by software engineering considerations, ...

**2 Process migration**

Delan S. Miloridis, Fred Douglass, Yves Paindaveine, Richard Wheeler, Songnian Zhou

 September 2000 **Computing Surveys (CSUR)**, Volume 32 Issue 3

**Publisher:** ACM 

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Process migration is the act of transferring a process between two machines. It enables dynamic load distribution, fault resilience, eased system administration, and data access locality. Despite these goals and ongoing research efforts, migration has ...

**3 Fast detection of communication patterns in distributed executions**

Thomas Kunz, Michiel F. H. Seuren

 November 1997 **CASCON '97: Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**
**Publisher:** IBM Press

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Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event ...

**4 Disco: running commodity operating systems on scalable multiprocessors**

 **Edouard Bugnion, Scott Devine, Kinshuk Govil, Mendel Rosenblum**  
November 1997 **Transactions on Computer Systems (TOCS)**, Volume 15 Issue 4  
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In this article we examine the problem of extending modern operating systems to run efficiently on large-scale shared-memory multiprocessors without a large implementation effort. Our approach brings back an idea popular in the 1970s: virtual machine ...

**Keywords:** scalable multiprocessors, virtual machines

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